CF to IDE User's Manual

Description :

Compact-Flash (CF) card is an electronic solid-state-disk(SSD) with IDE interface. It is a small card with mass space. We have developed CF to IDE converter for your convenience. You can read CF card on IDE port.

CF card is low cost. It is widely used in notebook, PDA, portable instrument, or other industrial device. In electronic factory, people use CF card as hard-disk driver (HDD) to store test program because frequent powering on/off damages mechanical HDD.

Characteristics :

- In accordance with CF Spec V2 and IDE/ATA-33 spec.
- Standard IDE Interface: true-IDE mode, support DMA-33 transfer mode.
- Support CF-I and CF-II: also support IBM MicroDrive with CF-II interface.
- DE 40pin/2.54mm or 44pin/2.0mm female or male connector. Plug card into IDE socket directly or connect to motherboard by a cable.
- CF socket mounted flexible. Different CF socket can be mounted, single/double side selectable for double side type.
- Master/Slave jumper. CF card on each side can be configured as Master or Slave.
- Use CF as DOM. Supply auto select from IDE 40pin-20 or FDD power connector, or from IDE when use IDE 44pin.

Master / Slave Jumper settings :

Jumper usually has a small white triangle beside pin – 1, or has a “1” beside pin – 1. Each jumper has a cap.

For double-side type (Jumper has 3 pins)		
	Cap on Pin 1-2	Cap on Pin 2-3
front/back	Master / Slave	Slave / Master

For single-side type (Jumper has 2 pins)		
	Close	Open
CF mode	Master	Slave

Product model list :

Model	IDE pins	Gender	Number of CF slots	Jumper PINs	Vcc from pin20	DMA support	Iron track	LEDs
CF-IDE40V.A1	40	Male/Female	2	3	Yes	Yes	No	Active
CF-IDE40 VD1/2	40	Male	1	2	No	Yes	Yes	Active
CF-IDE44V.B1	44	Male/Female	1	2	No	Yes	No	Active
CF-IDE40V.E0	10	Female	2	3	Yes	Yes	No	Active/Power/Detect